

Central Region HIV/AIDS Epidemiological Profile

Fourth Quarter 2012

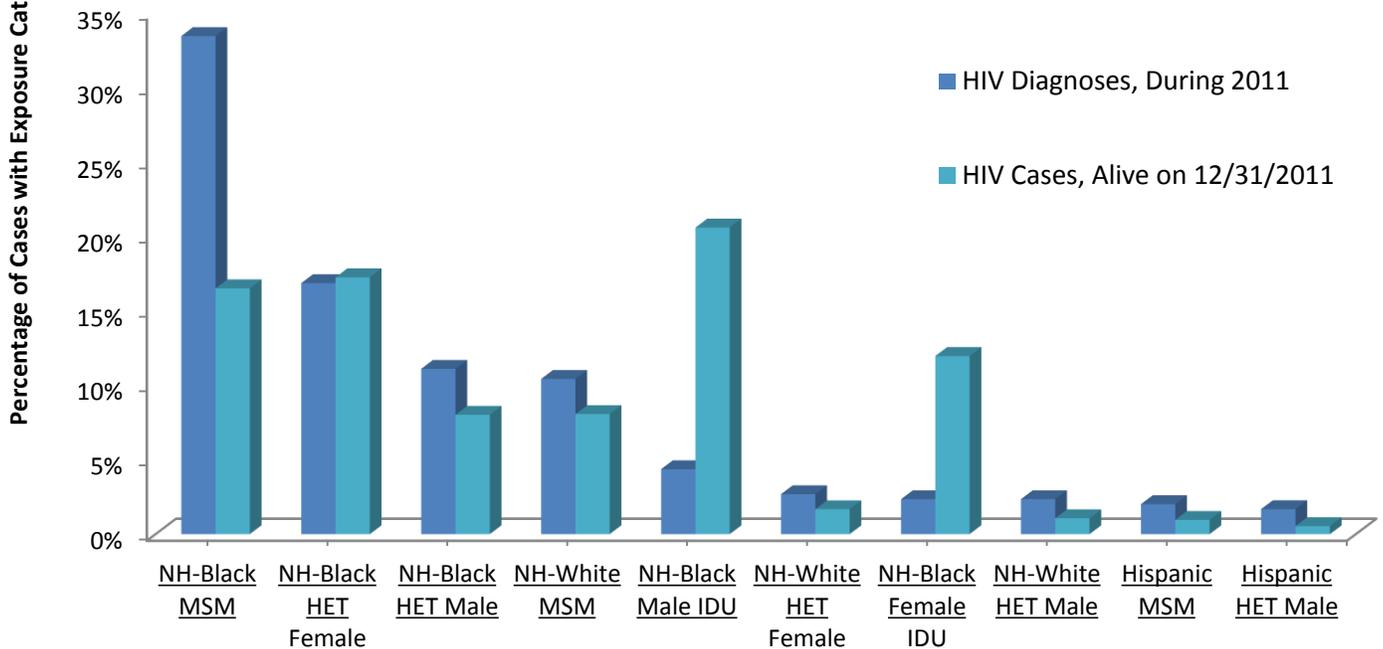
Data reported through December 31, 2012



Center for HIV Surveillance, Epidemiology and Evaluation
 Infectious Disease Bureau
 Prevention and Health Promotion Administration
 Maryland Department of Health and Mental Hygiene
<http://phpa.dhmh.maryland.gov/oideor/chse>
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Adult/Adolescent HIV Cases with Reported Exposures by Race/Ethnicity, Sex at Birth, and Exposure Categories, Central Region of Maryland, 2011



Predominant HIV Risk Groups:

In order to reduce HIV transmissions and improve engagement in care for those infected with HIV, an understanding of the demographic and exposure categories among reported HIV cases is needed to identify the groups most likely to have HIV. In 2011, non-Hispanic (NH) Black males who have sex with males (MSM) accounted for the greatest proportion of new HIV diagnoses (33.4%) followed by NH-Black heterosexual (HET) females (16.9%) and NH-Black heterosexual males (11.1%). This is markedly different from the proportions of living HIV cases where the largest group was NH-Black male injection drug users (IDU) (20.6%) followed by NH-Black heterosexual (HET) females (17.3%), and NH-Black MSM (16.5%). By identifying the disproportion in the demographic and exposure categories between new and existing HIV cases, resources may be better allocated for prevention, testing, and treatment services.

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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:
<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 18% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

For surveillance purposes, a case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, or years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would have been many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2011 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2011-12/31/2011, as reported by name through 12/31/2012.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2011 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2011 as reported by name through 12/31/2012.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2012.

Live births are from the Maryland Department of Health and Mental Hygiene's Maryland Vital Statistics Annual Report 2011.

Perinatal exposures and transmissions are from the Maryland Department of Health and Mental Hygiene's Enhanced Perinatal Surveillance System, December 31, 2012.

Population data by sex, age, and race are from the July 1, 2011 U.S. Census Estimates and by country-of-birth from the 2011 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men and/or women who also have engaged in injection drug use.

Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV-positive mother.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on December 31st of the specified year.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population, from Maryland Vital Statistics.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2011.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

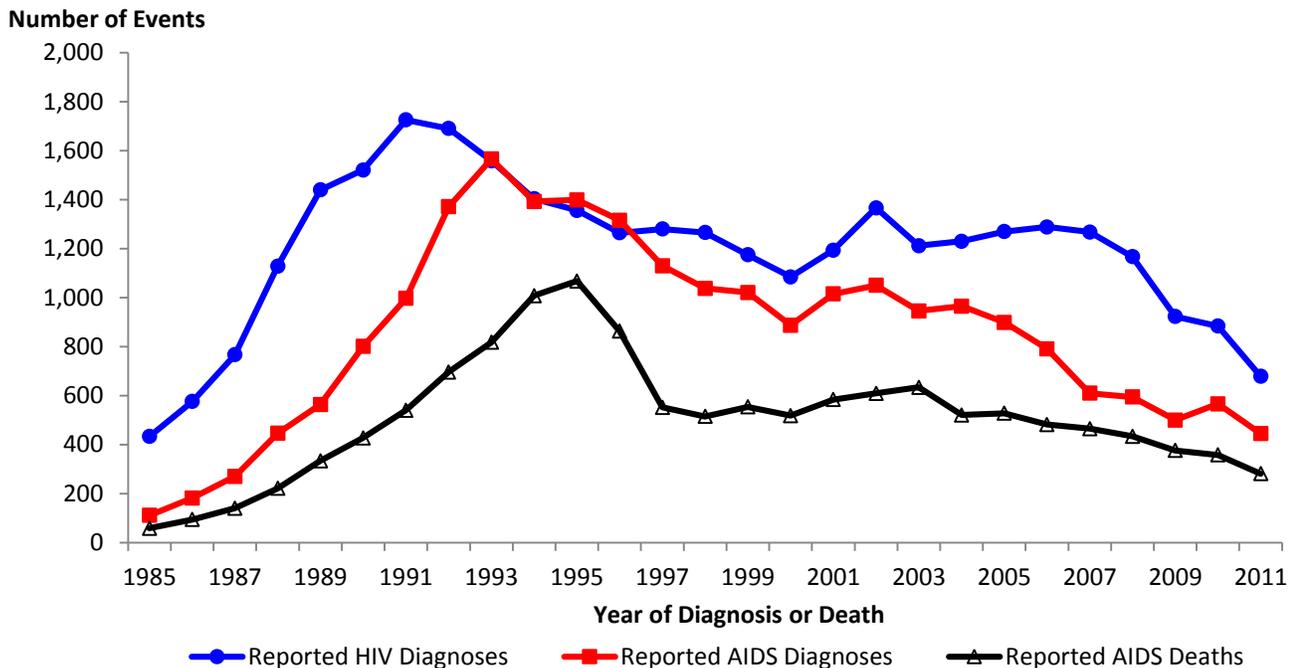
Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year.

Section II – Trends 1985-2011

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2011, Reported through 12/31/2012

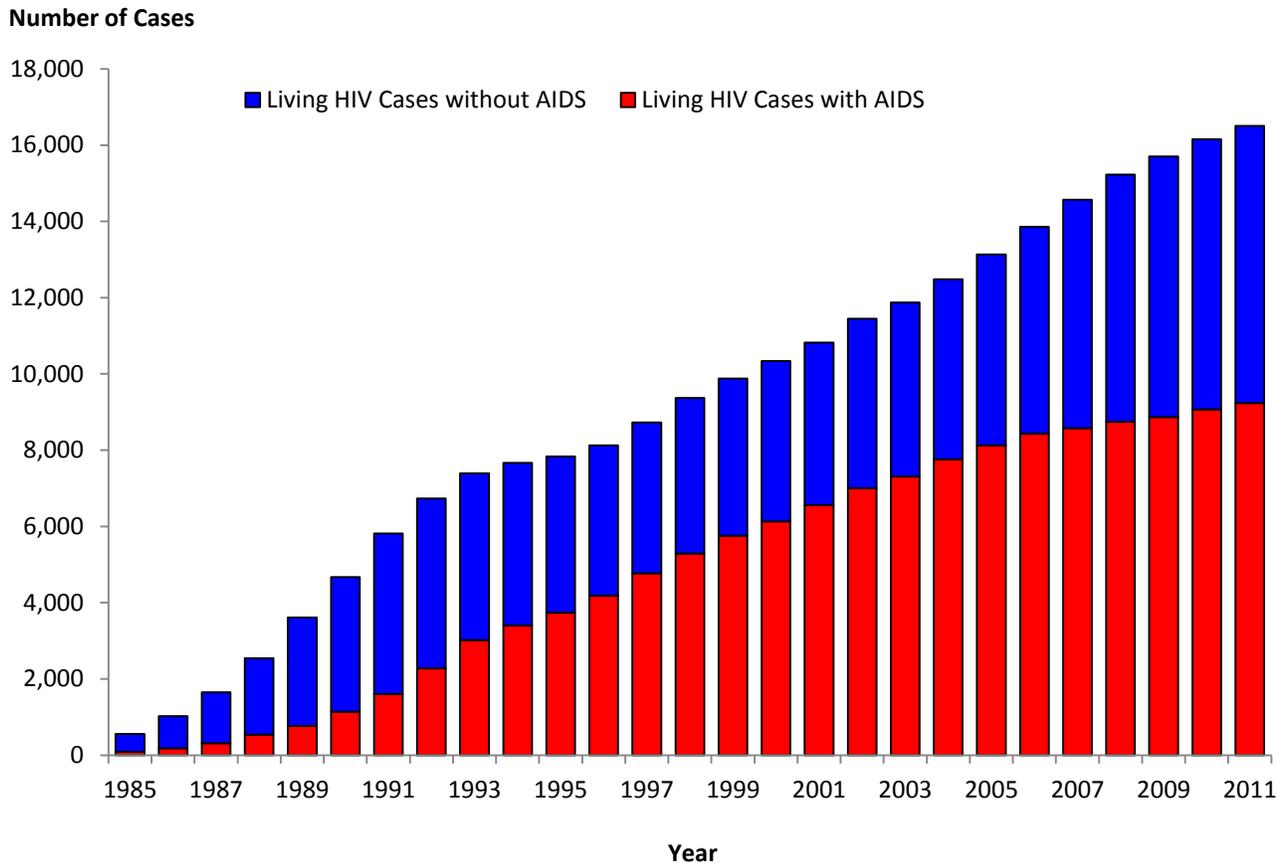
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2011 as Reported through 12/31/2012



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	213	75	35	1998	1,266	1,038	515
1985	433	11	58	1999	1,175	1,021	554
1986	576	182	94	2000	1,085	887	518
1987	767	270	140	2001	1,194	1,015	584
1988	1,129	446	221	2002	1,367	1,050	609
1989	1,440	564	334	2003	1,212	946	634
1990	1,521	801	427	2004	1,230	965	521
1991	1,726	997	540	2005	1,270	899	528
1992	1,691	1,371	696	2006	1,289	791	482
1993	1,559	1,566	818	2007	1,268	610	465
1994	1,404	1,393	1,008	2008	1,167	594	434
1995	1,356	1,399	1,068	2009	923	500	376
1996	1,265	1,316	863	2010	884	566	358
1997	1,280	1,130	552	2011	679	445	281
				TOTAL	32,269	22,948	13,713

Figure 2 – Trends in Living HIV Cases, 1985-2011, Reported through 12/31/2012

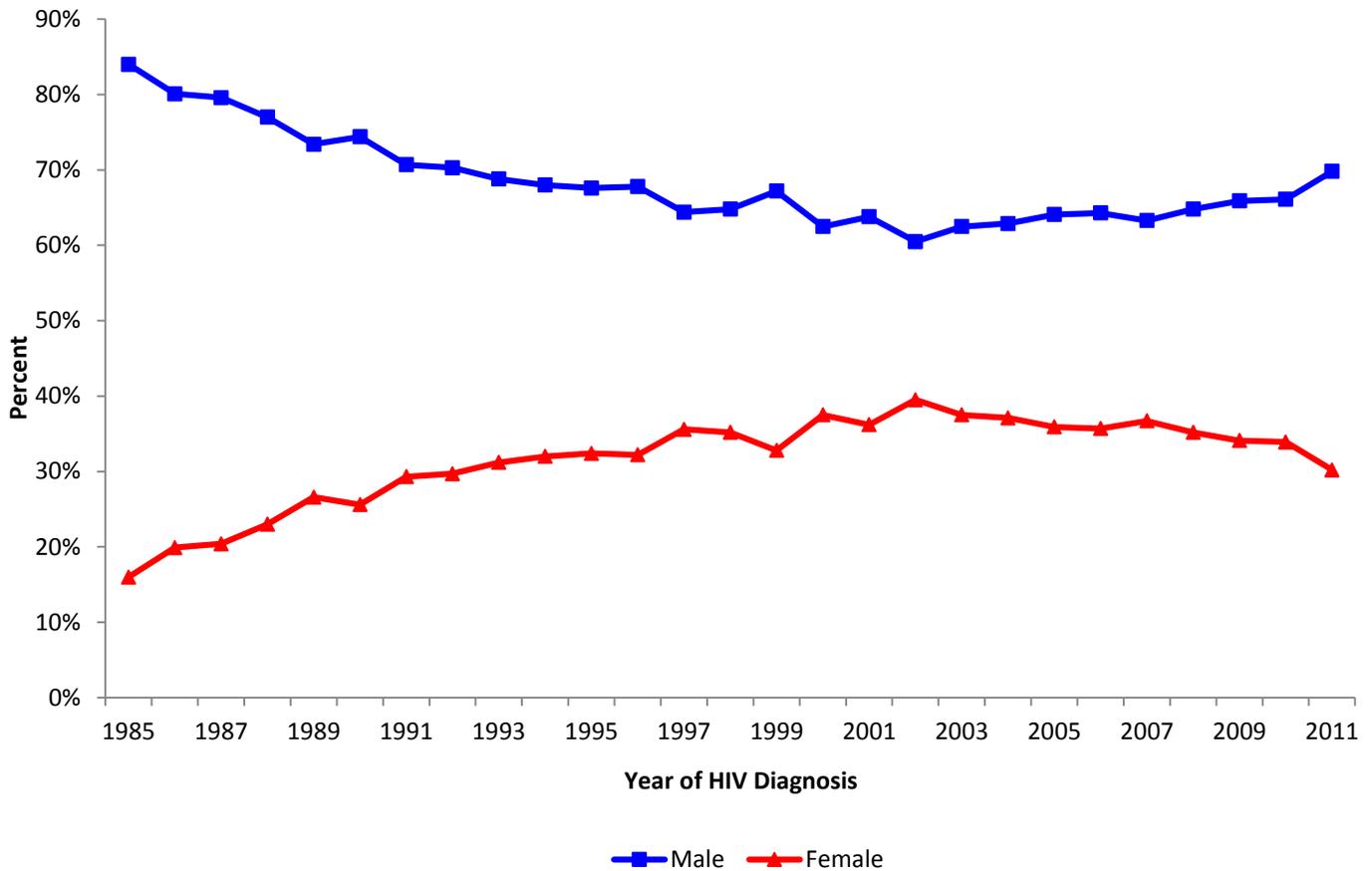
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2011, as Reported through 12/31/2012



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	460	93	553	1998	4,081	5,292	9,373
1986	847	181	1,028	1999	4,124	5,759	9,883
1987	1,337	312	1,649	2000	4,210	6,128	10,338
1988	2,006	537	2,543	2001	4,265	6,559	10,824
1989	2,845	767	3,612	2002	4,450	7,000	11,450
1990	3,532	1,141	4,673	2003	4,564	7,312	11,876
1991	4,216	1,598	5,814	2004	4,727	7,756	12,483
1992	4,461	2,273	6,734	2005	5,010	8,127	13,137
1993	4,371	3,021	7,392	2006	5,420	8,436	13,856
1994	4,264	3,407	7,671	2007	5,991	8,581	14,752
1995	4,093	3,738	7,831	2008	6,484	8,741	15,225
1996	3,934	4,191	8,125	2009	6,837	8,865	15,702
1997	3,960	4,769	8,729	2010	7,080	9,073	16,153
				2011	7,271	9,237	16,508

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2011, Reported through 12/31/2012

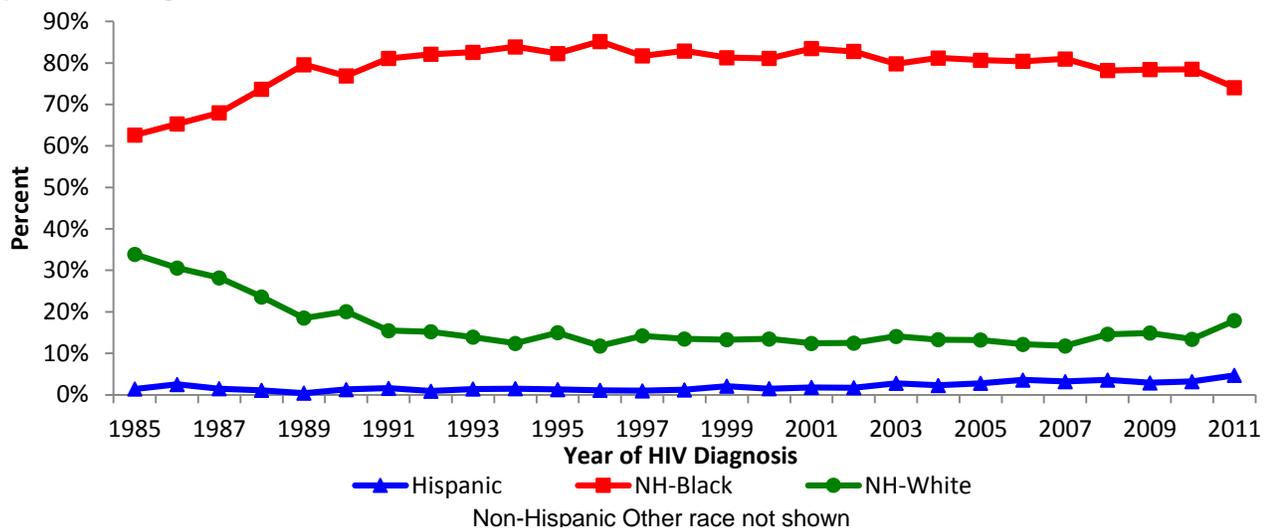
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	211	85.8%	14.2%	1998	1,250	64.8%	32.5%
1985	425	84.0%	16.0%	1999	1,160	67.2%	32.8%
1986	568	80.1%	19.9%	2000	1,077	62.5%	37.5%
1987	751	79.6%	20.4%	2001	1,185	63.8%	36.2%
1988	1,107	77.0%	23.0%	2002	1,360	60.5%	39.5%
1989	1,412	73.4%	26.6%	2003	1,210	62.5%	37.5%
1990	1,483	74.4%	25.6%	2004	1,226	62.9%	37.1%
1991	1,690	70.7%	29.3%	2005	1,269	64.1%	35.9%
1992	1,647	70.3%	29.7%	2006	1,283	64.3%	35.7%
1993	1,514	68.8%	31.2%	2007	1,234	63.3%	36.7%
1994	1,375	68.0%	32.0%	2008	1,159	64.8%	35.2%
1995	1,336	67.6%	32.4%	2009	918	65.9%	34.1%
1996	1,246	67.8%	32.2%	2010	882	6.1%	33.9%
1997	1,271	64.4%	35.6%	2011	676	69.8%	30.2%
				TOTAL	31,925	67.9%	32.1%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2011, Reported through 12/31/2012

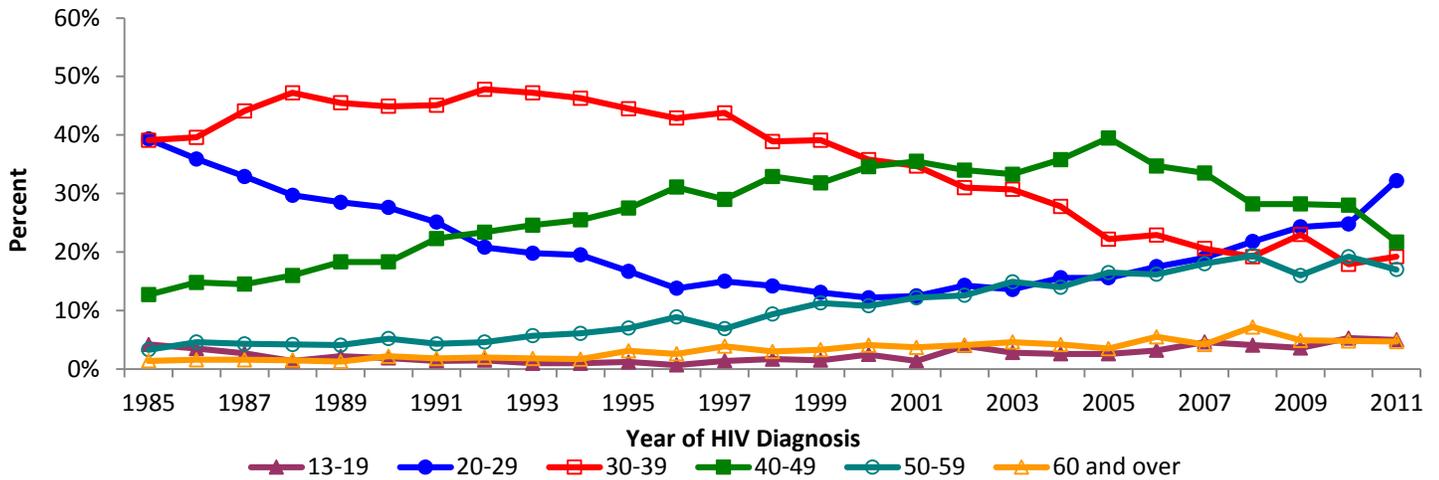
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	211	2.4%	54.5%	40.8%	2.4%
1985	425	1.4%	62.6%	33.9%	2.1%
1986	568	2.5%	65.3%	30.6%	1.6%
1987	751	1.5%	68.0%	28.2%	2.3%
1988	1,107	1.1%	73.7%	23.6%	1.6%
1989	1,412	0.4%	79.6%	18.5%	1.5%
1990	1,483	1.3%	76.9%	20.1%	1.7%
1991	1,690	1.6%	81.1%	15.5%	1.8%
1992	1,647	0.9%	82.1%	15.2%	1.8%
1993	1,514	1.4%	82.6%	13.9%	2.2%
1994	1,375	1.5%	83.9%	12.4%	2.3%
1995	1,336	1.3%	82.3%	15.0%	1.3%
1996	1,246	1.1%	85.2%	11.8%	1.9%
1997	1,271	1.0%	81.7%	14.2%	3.0%
1998	1,250	1.2%	82.9%	13.5%	2.4%
1999	1,160	2.1%	81.3%	13.3%	3.4%
2000	1,077	1.5%	81.1%	13.5%	4.0%
2001	1,185	1.8%	83.5%	12.4%	2.3%
2002	1,360	1.7%	82.8%	12.5%	3.0%
2003	1,210	2.8%	79.8%	14.1%	3.2%
2004	1,226	2.3%	81.2%	13.3%	3.2%
2005	1,269	2.8%	80.7%	13.2%	3.2%
2006	1,283	3.6%	80.4%	12.2%	3.8%
2007	1,234	3.2%	81.0%	11.8%	4.0%
2008	1,159	3.6%	78.2%	14.6%	3.6%
2009	918	2.9%	78.4%	14.9%	3.7%
2010	882	3.2%	78.5%	13.4%	5.0%
2011	676	4.7%	74.1%	17.9%	3.3%
TOTAL	31,925	1.9%	79.8%	15.6%	2.7%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2011, Reported through 12/31/2012

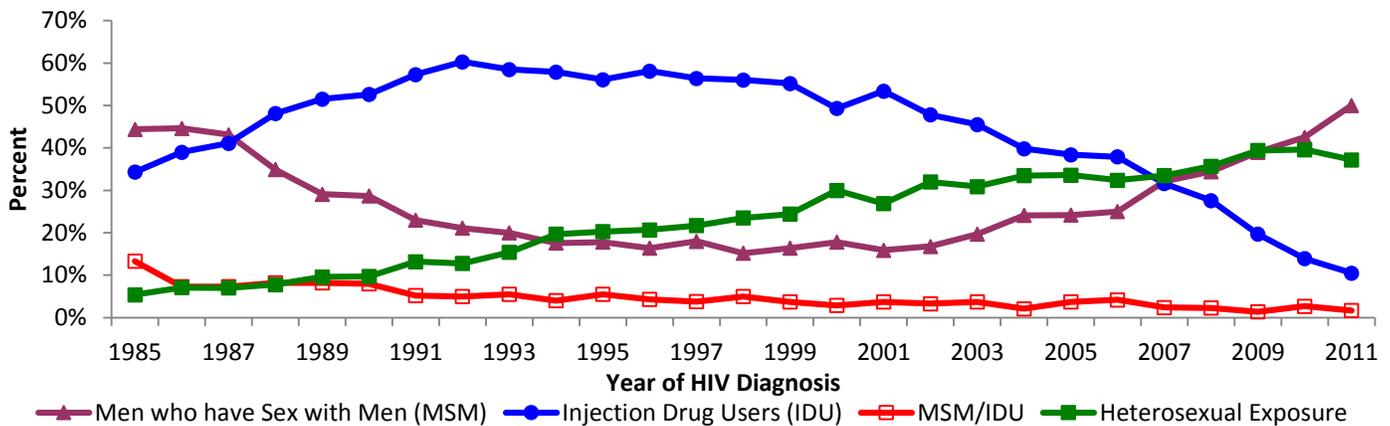
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	211	5.2%	44.1%	30.3%	13.7%	6.2%	0.5%
1985	425	4.2%	39.3%	39.1%	12.7%	3.3%	1.4%
1986	568	3.5%	35.9%	39.6%	14.8%	4.6%	1.6%
1987	751	2.7%	32.9%	44.1%	14.5%	4.3%	1.6%
1988	1,107	1.4%	29.7%	47.2%	16.0%	4.2%	1.5%
1989	1,412	2.2%	28.5%	45.5%	18.3%	4.1%	1.3%
1990	1,483	1.9%	27.6%	44.9%	18.3%	5.2%	2.2%
1991	1,690	1.4%	25.1%	45.1%	22.3%	4.3%	1.8%
1992	1,647	1.5%	20.8%	47.8%	23.4%	4.6%	2.0%
1993	1,514	1.0%	19.8%	47.2%	24.6%	5.7%	1.8%
1994	1,375	1.0%	19.5%	46.3%	25.5%	6.1%	1.7%
1995	1,336	1.2%	16.7%	44.5%	27.5%	7.0%	3.1%
1996	1,246	0.7%	13.8%	42.9%	31.1%	8.9%	2.6%
1997	1,271	1.4%	15.0%	13.8%	29.0%	6.9%	3.9%
1998	1,250	1.7%	14.2%	38.9%	32.9%	9.4%	3.0%
1999	1,160	1.5%	13.1%	39.1%	31.8%	11.3%	3.3%
2000	1,077	2.5%	12.2%	35.8%	34.6%	10.8%	4.1%
2001	1,185	1.4%	12.5%	34.7%	35.5%	12.2%	3.7%
2002	1,360	4.0%	14.3%	31.0%	34.0%	12.6%	4.1%
2003	1,210	2.8%	13.6%	30.7%	33.3%	14.9%	4.6%
2004	1,226	2.6%	15.6%	27.8%	35.8%	14.0%	4.2%
2005	1,269	2.6%	15.6%	22.2%	39.5%	16.5%	3.5%
2006	1,283	3.2%	17.5%	22.9%	34.7%	16.2%	5.5%
2007	1,234	4.6%	19.0%	20.6%	33.5%	18.0%	4.2%
2008	1,159	4.1%	21.8%	19.2%	28.2%	19.4%	7.2%
2009	918	3.6%	24.3%	23.0%	28.2%	16.0%	4.9%
2010	882	5.3%	24.8%	17.9%	28.0%	19.2%	4.8%
2011	676	5.0%	32.2%	19.2%	21.7%	17.0%	4.7%
TOTAL	31,925	2.4%	20.4%	36.4%	27.6%	10.0%	3.2%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2011, Reported through 12/31/2012

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					% Other Exposure
		No.	% MSM	% IDU	% MSM/IDU	% HET	
<1985	211	207	55.6%	28.5%	7.7%	3.9%	4.3%
1985	425	405	44.4%	34.3%	13.3%	5.4%	2.5%
1986	568	551	44.6%	39.0%	7.3%	7.1%	2.0%
1987	751	728	43.1%	41.1%	7.3%	7.0%	1.5%
1988	1,107	1,070	34.9%	48.1%	8.2%	7.8%	1.0%
1989	1,412	1,368	29.1%	51.5%	8.2%	7.8%	1.0%
1990	1,483	1,423	28.7%	52.6%	8.0%	9.7%	0.9%
1991	1,690	1,612	23.0%	57.3%	5.2%	13.2%	1.2%
1992	1,647	1,560	21.1%	60.3%	5.0%	12.8%	0.8%
1993	1,514	1,457	20.0%	58.5%	5.5%	15.4%	0.6%
1994	1,375	1,310	17.6%	57.9%	4.0%	19.7%	0.7%
1995	1,336	1,273	17.8%	56.1%	5.5%	20.3%	0.3%
1996	1,246	1,175	16.4%	58.1%	4.3%	20.7%	0.4%
1997	1,271	1,174	18.0%	56.4%	3.8%	21.7%	0.1%
1998	1,250	1,155	15.2%	56.0%	5.0%	23.5%	0.3%
1999	1,160	1,052	16.4%	55.2%	3.7%	24.4%	0.2%
2000	1,077	968	17.8%	49.3%	2.9%	30.0%	0.1%
2001	1,185	1,050	15.9%	53.4%	3.7%	26.9%	0.1%
2002	1,360	1,158	16.8%	47.8%	3.3%	32.0%	0.1%
2003	1,210	1,062	19.7%	45.5%	3.7%	30.9%	0.3%
2004	1,226	1,048	24.1%	39.8%	2.1%	33.5%	0.5%
2005	1,269	1,008	24.2%	38.4%	3.7%	33.6%	0.1%
2006	1,283	939	25.0%	37.9%	4.2%	32.4%	0.5%
2007	1,234	847	32.1%	31.6%	2.4%	33.5%	0.4%
2008	1,159	732	34.4%	27.6%	2.3%	35.7%	0.0%
2009	918	487	39.0%	19.7%	1.4%	39.4%	0.4%
2010	882	374	42.5%	13.9%	2.7%	39.6%	1.3%
2011	676	296	50.0%	10.5%	1.7%	37.2%	0.7%
TOTAL	31,925	27,489	24.5%	48.5%	4.9%	21.5%	0.7%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late HIV Diagnosis
					No. with Test	% with Test	Median Count		
Anne Arundel	454,211	48	7.1%	106.0	40	83.3%	198	81.3%	45.8%
Baltimore City	520,768	424	62.7%	81.4	322	75.9%	362	71.5%	26.4%
Baltimore	684,439	149	22.0%	21.8	121	81.2%	335	73.2%	28.2%
Carroll	140,329	3	0.4%	2.1	***	***	***	***	***
Harford	205,356	24	3.6%	11.7	***	***	***	***	***
Howard	241,940	28	4.1%	11.6	19	67.9%	486	67.9%	7.1%
REGION TOTAL	2,247,043	676	100.0%	30.1	521	77.1%	353	72.5%	27.4%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Anne Arundel	454,211	40	9.1%	8.8	2.4	57.5%
Baltimore City	520,768	303	68.7%	58.2	4.9	37.0%
Baltimore	684,439	81	18.4%	11.8	3.9	53.1%
Carroll	140,329	2	0.5%	1.4	***	***
Harford	205,356	11	2.5%	5.4	3.7	54.5%
Howard	241,940	4	0.9%	1.7	***	***
REGION TOTAL	2,247,043	441	100.0%	19.6	4.4	42.4%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Anne Arundel	454,211	390	5.5%	85.9	566	6.2%	124.6	956	5.9%	210.5	475
Baltimore City	520,768	5,333	75.1%	1,024.1	6,739	74.1%	1,294.1	12,072	74.6%	2,318.1	43
Baltimore	684,439	979	13.8%	143.0	1,317	14.5%	192.4	2,296	14.2%	335.5	298
Carroll	140,329	52	0.7%	37.1	60	0.7%	42.8	112	0.7%	79.8	1,252
Harford	205,356	151	2.1%	73.5	203	2.2%	98.9	354	2.2%	172.4	580
Howard	241,940	199	2.8%	82.3	204	2.2%	84.3	403	2.5%	166.6	600
REGION TOTAL	2,247,043	7,104	100.0%	616.1	9,089	100.0%	404.5	16,193	100.0%	720.6	138

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases								
	No.	Recent CD4 Test Result						350-499	500+
		No. with Test	% with Test	Median Count	<200	200-349			
Anne Arundel	956	412	43.1%	450	17.0%	19.4%	19.2%	44.4%	
Baltimore City	12,072	5,905	48.9%	444	17.7%	18.8%	20.8%	42.7%	
Baltimore	2,296	1,047	45.6%	452	16.7%	19.2%	20.1%	44.0%	
Carroll	112	40	35.7%	471	10.0%	12.5%	30.0%	47.5%	
Harford	354	137	38.7%	438	19.0%	19.7%	17.5%	43.8%	
Howard	403	149	37.0%	584	11.4%	16.1%	14.1%	58.4%	
REGION TOTAL	16,193	7,690	47.5%	447	17.4%	18.8%	20.5%	43.3%	

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Anne Arundel	956	362	37.9%	66.6%	13,343
Baltimore City	12,072	4,952	41.0%	64.6%	13,603
Baltimore	2,296	955	41.6%	69.8%	12,296
Carroll	112	46	41.1%	78.3%	4,139
Harford	354	148	41.8%	71.6%	7,736
Howard	403	149	37.0%	77.9%	10,214
REGION TOTAL	16,193	6,612	40.8%	66.0%	13,005

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

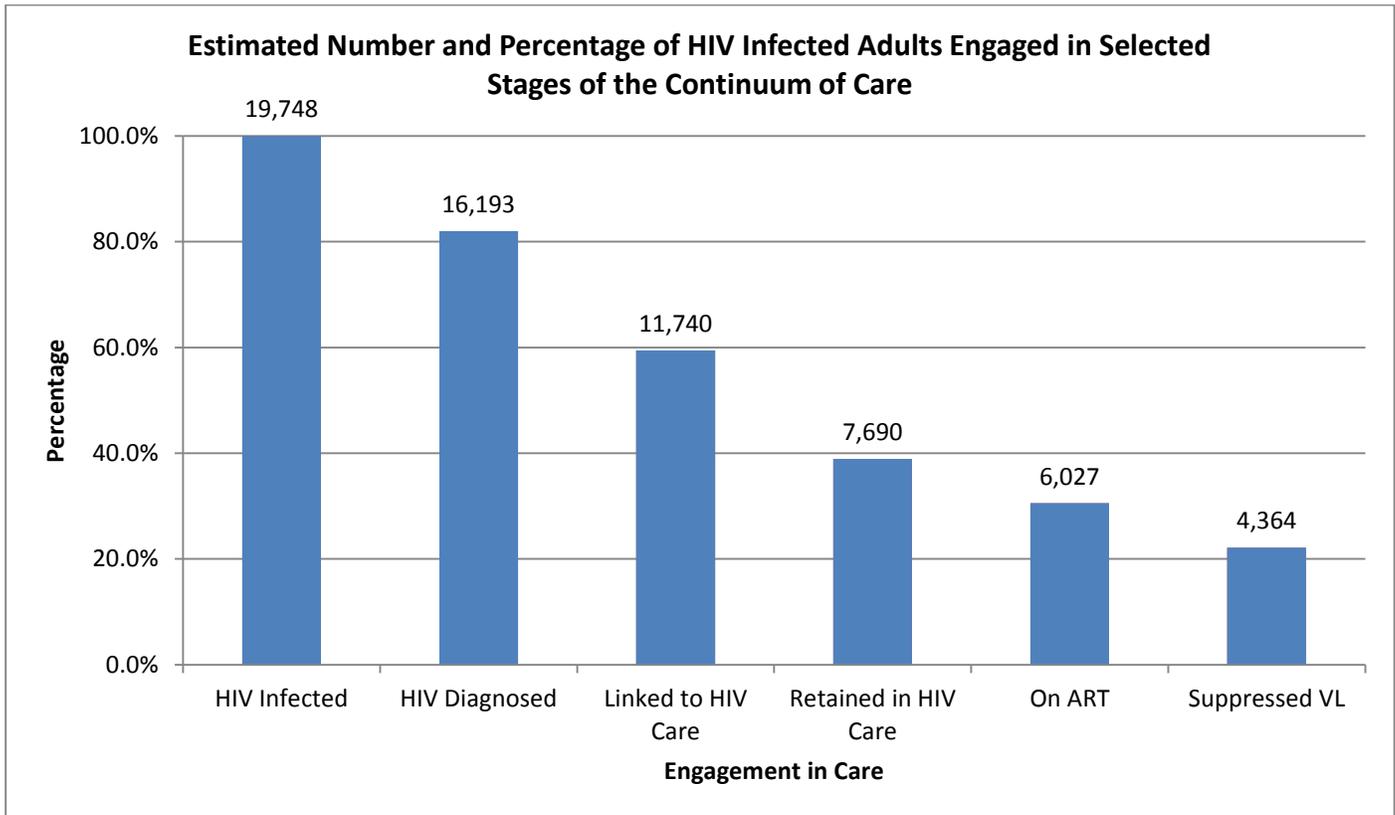
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2011 HIV Continuum of Care, Reported through 12/31/2012

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (18%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	19,748	100.0%
HIV Diagnosed	16,193	82.0%
Linked to HIV Care	11,740	59.5%
Retained in HIV Care	7,690	38.9%
On ART	6,027	30.5%
Suppressed VL	4,364	22.1%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (18%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2012

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	166,067	1	0.1%	0.6	***	***	***	***	***
5-12 (Pediatric)	267,647	2	0.3%	0.7	***	***	***	***	***
13-19	248,746	34	5.0%	13.7	25	73.5%	485	76.5%	8.8%
20-29	382,093	218	32.1%	57.1	178	81.7%	383	71.6%	21.1%
30-39	338,461	130	19.1%	38.4	106	81.5%	357	76.2%	28.5%
40-49	390,338	147	21.6%	37.7	110	74.8%	337	70.1%	28.6%
50-59	387,588	115	16.9%	29.7	76	66.1%	237	70.4%	35.7%
60+	499,815	32	4.7%	6.4	26	81.3%	313	78.1%	50.0%
TOTAL	2,680,756	679	100.0%	25.3	523	77.0%	353	72.6%	27.4%

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2012

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	166,068	1	0.2%	0.6	***	***
5-12 (Pediatric)	267,647	0	0.0%	0.0	--	--
13-19	248,746	8	1.8%	3.2	6.6	12.5%
20-29	382,093	95	21.3%	24.9	2.2	48.4%
30-39	338,461	87	19.6%	25.7	4.0	44.8%
40-49	390,338	120	27.0%	30.7	5.6	35.8%
50-59	387,588	100	22.5%	25.8	5.4	43.0%
60+	499,815	34	7.6%	6.8	5.1	44.1%
TOTAL	2,680,756	445	100.0%	16.6	4.5	42.2%

*** Data withheld due to low population counts and/or case counts

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	166,068	15	0.2%	9.0	2	0.0%	1.2	17	0.1%	10.2	9,768
5-12 (Pediatric)	267,647	39	0.5%	14.6	5	0.1%	1.9	44	0.3%	16.4	6,082
13-19	248,746	120	1.7%	48.2	56	0.6%	22.5	176	1.1%	70.8	1,413
20-29	382,093	1,102	15.2%	288.4	493	5.3%	129.0	1,595	9.7%	417.4	239
30-39	338,461	1,272	17.5%	375.8	1,094	11.8%	323.2	2,366	14.3%	699.0	143
40-49	390,338	2,179	30.0%	558.2	3,137	34.0%	803.7	5,316	32.2%	1,361.9	73
50-59	387,588	1,873	25.8%	483.2	3,288	35.6%	848.3	5,161	31.3%	1,331.6	75
60+	499,815	671	9.2%	134.2	1,162	12.6%	232.5	1,833	11.1%	366.7	272
TOTAL	2,680,756	7,271	100.0%	271.2	9,237	100.0%	344.6	16,508	100.0%	615.8	162

Age on [date]: Age group of living cases on December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
13-19	57	32	56.1%	468	9.4%	31.3%	18.8%	40.6%
20-29	14,363	767	52.4%	446	14.9%	19.8%	22.0%	43.3%
30-39	2,363	1,065	45.1%	438	18.7%	18.3%	21.3%	41.7%
40-49	5,316	2,417	45.5%	442	19.5%	17.7%	19.8%	43.0%
50-59	5,161	2,559	49.6%	448	17.4%	19.0%	20.0%	43.5%
60+	1,833	850	46.4%	466	12.1%	20.8%	21.3%	45.8%
TOTAL	16,193	7,690	47.5%	447	17.4%	18.8%	20.5%	43.3%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	57	37	64.9%	27.0%	15,947
20-29	1,463	722	49.4%	44.5%	10,000
30-39	2,363	945	40.0%	61.2%	14,910
40-49	5,316	2,104	39.6%	66.0%	13,405
50-59	5,161	2,103	40.7%	71.7%	14,150
60+	1,833	701	38.2%	79.7%	10,564
TOTAL	16,193	6,612	40.8%	66.0%	13,005

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	1,069,721	472	69.8%	44.1	351	74.4%	351	70.8%	26.9%
Female	1,177,322	204	30.2%	17.3	170	83.3%	360	76.5%	28.4%
TOTAL	2,247,043	676	100.0%	30.1	521	77.1%	353	72.5%	27.4%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Hispanic	95,716	32	47.7%	33.4	29	90.6%	206	81.3%	50.0%
Non-Hispanic	2,151,327	644	95.3%	29.9	492	76.4%	359	72.0%	26.2%
American Indian/ Alaska Native, only	5,680	1	0.1%	17.6	***	***	***	***	***
Asian, only	105,667	4	0.6%	3.8	***	***	***	***	***
Black, only	632,399	501	74.1%	79.2	370	73.9%	352	70.1%	25.1%
Native Hawaiian/Other Pacific Islander, only	1,064	0	0.0%	0.0	--	--	--	--	--
White, only	1,373,608	121	17.9%	8.8	101	83.5%	398	76.9%	28.9%
Multiracial/Other	32,909	17	2.5%	51.7	17	100.0%	386	94.1%	29.4%
TOTAL	2,247,043	676	100.0%	30.1	521	77.1%	353	72.5%	27.4%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
United States	1,992,904	588	87.0%	29.5	445	75.7%	363	70.4%	26.5%
Foreign-born	232,710	18	2.7%	7.7	17	94.4%	137	83.3%	61.1%
Africa	--	12	1.8%	--	11	91.7%	137	91.7%	58.3%
Asia	--	1	0.1%	--	***	***	***	***	***
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	4	0.6%	--	***	***	***	***	***
Other	--	1	0.0%	--	***	***	***	***	***
Unknown	--	70	10.4%	--	59	84.3%	335	87.1%	25.7%
TOTAL	225,614	676	100.0%	30.4	521	77.1%	353	72.5%	27.4%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	1,069,721	282	63.9%	26.4	4.1	45.0%
Female	177,322	159	36.1%	13.5	5.0	37.7%
TOTAL	2,247,043	441	100.0%	19.6	4.4	42.4%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	95,716	23	5.2%	24.0	2.2	69.6%
Non-Hispanic	2,151,327	418	94.8%	19.4	4.6	40.9%
American Indian/ Alaska Native, only	5,680	1	0.2%	17.6	***	***
Asian, only	105,667	3	0.7%	2.8	***	***
Black, only	632,399	345	78.2%	54.6	4.9	36.8%
Native Hawaiian/Other Pacific Islander, only	1,064	0	0.0%	--	--	--
White, only	1,373,608	53	12.0%	3.9	3.1	60.4%
Multiracial/Other	32,909	16	3.6%	48.6	3.6	50.0%
TOTAL	2,247,043	441	100.0%	19.6	4.4	42.4%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	1,992,904	404	91.6%	20.3	4.7	39.4%
Foreign-born	232,710	14	3.2%	6.0	3.2	64.3%
Africa	--	8	1.8%	--	1.8	75.0%
Asia	--	1	0.2%	--	***	***
Caribbean	--	1	0.2%	--	***	***
Central America	--	4	0.9%	--	***	***
Other	--	0	0.0%	--	--	0.0%
Unknown	--	23	5.2%	1.1	--	82.6%
TOTAL	225,614	441	100.0%	19.8	4.4	42.4%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	1,069,721	4,440	62.5%	415.1	5,813	64.0%	543.4	10,253	63.3%	958.5	104
Female	1,177,322	2,664	37.5%	226.3	3,276	36.1%	278.3	5,940	36.7%	504.5	198
Total	2,247,043	7,104	100.0%	316.1	9,089	100.0%	404.5	16,193	100.0%	720.6	138

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	95,716	169	2.4%	176.6	284	3.1%	296.7	453	2.8%	473.3	211
Non-Hispanic	2,151,327	6,935	97.6%	322.4	8,805	96.9%	409.3	15,740	97.2%	731.6	136
American Indian/Alaska Native, only	5,680	11	0.2%	193.7	6	0.1%	105.6	17	0.1%	299.3	334
Asian, only	105,667	28	0.4%	26.5	16	0.2%	15.1	44	0.3%	41.6	2,401
Black, only	632,399	5,555	78.2%	878.4	7,103	78.1%	1,123.2	12,658	78.2%	2,001.6	49
Native Hawaiian/ Other Pacific Islander, only	1,064	3	0.0%	282.0	4	0.0%	375.9	7	0.0%	657.9	152
White, only	1,373,608	1,165	16.4%	84.8	1,318	14.5%	96.0	2,483	15.3%	180.8	553
Multiracial/Other	32,909	173	2.4%	525.7	358	3.9%	1,087.8	531	3.3%	1,613.5	61
TOTAL	2,247,043	7,104	100.0%	316.1	9,089	100.0%	404.5	16,193	100.0%	720.6	138

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	1,992,904	6,790	85.6%	340.7	8,716	95.9%	437.4	15,506	95.8%	778.1	128
Foreign-born	232,710	119	1.7%	51.1	294	3.2%	126.3	413	2.6%	177.5	563
Africa	--	49	0.7%	--	146	1.6%	--	195	1.2%	--	--
Asia	--	9	0.1%	--	20	0.2%	--	29	0.2%	--	--
Caribbean	--	11	0.2%	--	31	0.3%	--	42	0.3%	--	--
Central America	--	23	0.3%	--	57	0.6%	--	80	0.5%	--	--
Other	--	27	0.4%	--	40	0.4%	--	67	0.4%	--	--
Unknown	--	195	2.7%	--	79	0.9%	--	274	1.7%	--	--
TOTAL	2,225,614	7,104	100.0%	319.2	9,089	100.0%	408.4	16,193	100.0%	727.6	137

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Male	10,253	4,722	46.1%	430	17.2%	20.4%	21.7%	40.7%
Female	5,940	2,968	50.0%	477	17.8%	16.3%	18.5%	47.4%
TOTAL	16,193	7,690	47.5%	447	17.4%	18.8%	20.5%	43.3%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
Hispanic	453	227	50.1%	401	16.7%	24.2%	18.1%	41.0%
Non-Hispanic	15,740	7,463	47.4%	448	17.4%	18.7%	20.6%	43.4%
American Indian/ Alaska Native, only	17	***	***	***	***	***	***	***
Asian, only	44	18	40.9%	591	11.1%	5.6%	16.7%	66.7%
Black, only	12,658	6,101	48.2%	443	17.6%	18.9%	20.8%	42.6%
Native Hawaiian/Other Pacific Islander, only	7	***	***	***	***	***	***	***
White, only	2,483	981	39.5%	504	13.4%	16.6%	19.7%	50.4%
Multiracial/Other	531	361	68.0%	405	24.7%	20.2%	18.8%	36.3%
TOTAL	16,193	7,690	47.5%	447	17.4%	18.8%	20.5%	43.3%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
United States	15,506	7,380	47.6%	450	17.5%	18.5%	20.4%	43.6%
Foreign-born	413	160	38.7%	424	15.0%	26.9%	20.0%	38.1%
Africa	195	82	42.1%	443	15.9%	24.4%	22.0%	37.8%
Asia	29	8	27.6%	491	12.5%	25.0%	12.5%	50.0%
Caribbean	42	15	35.7%	363	6.7%	40.0%	13.3%	40.0%
Central America	80	34	42.5%	365	20.6%	29.4%	14.7%	35.3%
Other	67	21	31.3%	447	9.5%	23.8%	28.6%	38.1%
Unknown	274	150	54.7%	423	14.7%	24.7%	26.0%	34.7%
TOTAL	16,193	7,690	47.5%	447	17.4%	18.8%	20.5%	43.3%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	10,253	4,095	39.9%	68.3%	13,230
Female	5,940	2,517	42.4%	62.3%	12,771
TOTAL	16,193	6,612	40.8%	66.0%	13,005

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	453	211	46.6%	69.2%	10,381
Non-Hispanic	15,740	6,401	40.7%	65.9%	13,069
American Indian/ Alaska Native, only	17	***	***	***	***
Asian, only	44	16	36.4%	81.3%	20,422
Black, only	12,658	5,151	40.7%	63.8%	12,501
Native Hawaiian/ Other Pacific Islander, only	7	***	***	***	***
White, only	2,483	928	37.4%	76.8%	15,148
Multiracial/Other	531	302	56.9%	67.2%	22,330
TOTAL	16,193	6,612	40.8%	66.0%	13,005

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	15,506	6,315	40.7%	65.9%	12,970
Foreign-born	413	139	33.7%	76.3%	14,910
Africa	195	71	36.4%	76.1%	10,907
Asia	29	8	27.6%	75.0%	34,758
Caribbean	42	14	33.3%	85.7%	54,576
Central America	80	28	35.0%	64.3%	44,828
Other	67	18	26.9%	88.9%	517
Unknown	274	158	57.7%	60.8%	13,290
TOTAL	16,193	6,612	40.8%	66.0%	13,005

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

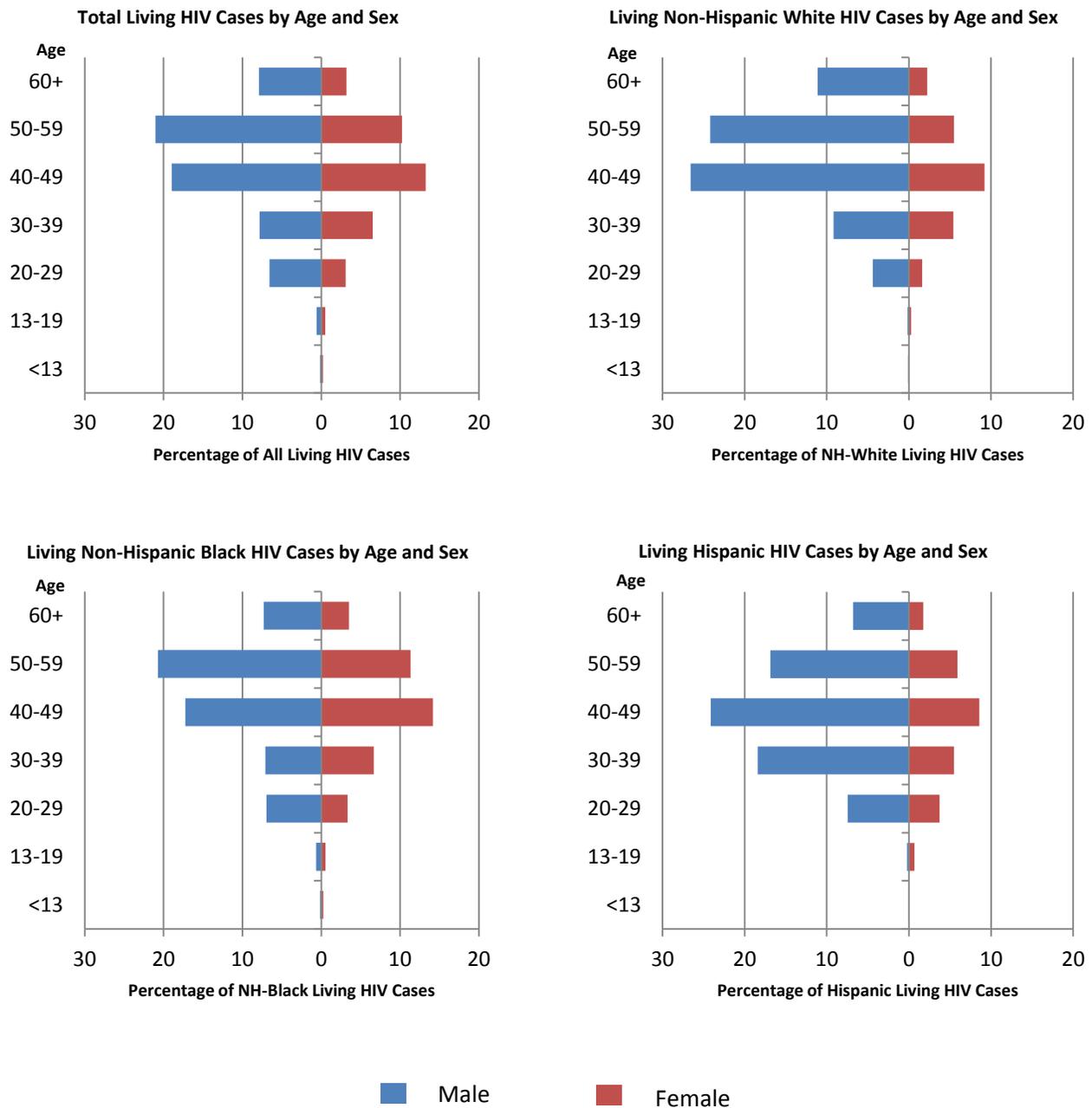
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

MALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	16,686	72,226	109,523	22,598	22,1033
	Cases	0	21	2	1	24
	Rate	0.0	29.1	1.8	4.4	10.9
	Ratio (1 in X)	--	3,439	5,4761	22,598	9,209
13-19	Population	7,074	41,747	6,7971	10,233	127,025
	Cases	1	86	4	2	93
	Rate	14.1	206.0	5.9	19.5	73.2
	Ratio (1 in X)	7,074	485	16,992	5116	1365
20-29	Population	14,288	55,264	105,786	14,171	189,509
	Cases	34	901	110	37	1082
	Rate	238.0	1,630.4	104.0	261.1	570.9
	Ratio (1 in X)	420	61	961	383	175
30-39	Population	13,585	44,849	90,197	14,415	163,046
	Cases	84	917	230	59	1,290
	Rate	618.3	2,044.6	255.0	409.3	791.2
	Ratio (1 in X)	161	48	392	244	126
40-49	Population	8,536	51,526	115,359	12,118	187,539
	Cases	110	2,232	666	120	3128
	Rate	1,288.7	4,331.8	577.3	990.3	1,667.9
	Ratio (1 in X)	77	23	173	100	59
50-59	Population	4,459	46,107	125,382	9,119	185,067
	Cases	77	2,679	606	109	3471
	Rate	1,726.8	5,810.4	483.3	1,195.3	1,875.5
	Ratio (1 in X)	57	17	206	83	53
60+	Population	3,139	45,147	160,355	8,894	217,535
	Cases	31	946	278	47	1,302
	Rate	987.6	2,095.4	173.4	528.4	598.5
	Ratio (1 in X)	101	47	576	189	167
TOTAL MALES BY RACE/ETHNICITY	Population	67,767	356,866	774,576	91,548	1,290,754
	Cases	337	7,782	1,896	375	10,390
	Rate	497.3	2,180.7	244.8	409.6	805.0
	Ratio (1 in X)	201	45	408	244	124

Age on [date]: Age group of living cases on December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

FEMALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	15,991	69,939	104,154	22,597	212,681
	Cases	0	36	0	1	37
	Rate	0.0	51.5	0.0	4.4	17.4
	Ratio (1 in X)	--	1,942	--	22,597	5,748
13-19	Population	6,449	41,388	64,002	9,883	121,722
	Cases	3	71	7	2	83
	Rate	46.5	171.5	10.9	20.2	68.2
	Ratio (1 in X)	2,149	582	9,143	4,941	1,466
20-29	Population	11,303	62,228	103,714	15,339	192,584
	Cases	17	432	41	23	513
	Rate	150.4	694.2	39.5	149.9	266.4
	Ratio (1 in X)	664	144	2,529	666	375
30-39	Population	11,296	55,418	92,130	16,571	175,415
	Cases	25	864	136	51	1,076
	Rate	221.3	1,559.1	147.6	307.8	613.4
	Ratio (1 in X)	451	64	677	324	163
40-49	Population	7,397	61,851	119,795	1,3756	202,799
	Cases	39	1,833	231	85	2,188
	Rate	527.2	2,963.6	192.8	617.9	1,078.9
	Ratio (1 in X)	189	33	518	161	92
50-59	Population	4,381	57,840	130,303	9,997	202,521
	Cases	27	1,466	137	60	1,690
	Rate	616.3	2,534.6	105.1	600.2	834.5
	Ratio (1 in X)	162	39	951	166	119
60+	Population	3,809	69,034	198,612	10,825	282,820
	Cases	8	456	56	11	531
	Rate	210.0	660.5	28.2	101.6	188.1
	Ratio (1 in X)	476	151	3,546	984	531
TOTAL FEMALES BY RACE/ETHNICITY	Population	60,626	417,698	812,710	98,968	1,390,002
	Cases	119	5,158	608	233	6,118
	Rate	196.3	1,234.9	74.8	235.4	440.1
	Ratio (1 in X)	509	80	1,336	424	227

Age on [date]: Age group of living cases on December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	296	100.0%	88.2%	362	80.7%	28.7%
Men who have Sex with Men (MSM)	148	50.0%	87.2%	377	79.7%	24.3%
Injection Drug Users (IDU)	31	10.5%	71.0%	389	64.5%	25.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	5	1.7%	100.0%	314	80.0%	80.0%
Heterosexual Exposure (HET)	110	37.2%	93.6%	363	86.4%	32.7%
Other Exposures	2	0.7	100.0%	206	100.0%	50.0%
No Reported Exposure	380		68.4%	332	66.1%	26.3%
TOTAL	676		77.1%	353	72.5%	27.4%

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	218	100.0%	86.2%	357	79.4%	29.8%
Men who have Sex with Men (MSM)	148	67.9%	87.2%	377	79.7%	24.3%
Injection Drug Users (IDU)	19	8.7%	68.4%	304	63.2%	31.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	5	2.3%	100.0%	214	80.0%	80.0%
Heterosexual Exposure (HET)	46	21.1%	89.1%	324	84.8%	41.3%
Other Exposures	0	0.0%	--	--	--	--
No Reported Exposure	254		64.2%	333	63.4%	24.4%
TOTAL	472		74.4%	351	70.8%	26.9%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	78	100.0%	93.6%	383	84.6%	25.6%
Injection Drug Users (IDU)	12	15.4%	75.0%	457	66.7%	16.7%
Heterosexual Exposure (HET)	64	82.1%	96.9%	380	37.5%	26.6%
Other Exposures	2	2.6%	100.0%	206	100.0%	50.0%
No Reported Exposure	126		77.0%	297	71.4%	30.2%
TOTAL	204		83.3%	360	76.5%	28.4%

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	287	100.0%	5.9	28.9%
Men who have Sex with Men (MSM)	92	32.1%	4.4	38.0%
Injection Drug Users (IDU)	88	30.7%	8.2	10.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	12	4.2%	5.1	33.3%
Heterosexual Exposure (HET)	92	32.1%	5.3	37.0%
Other Exposures	3	1.0%	1.7	33.3%
No Reported Exposure	154		1.8	67.5%
TOTAL	411		4.4	42.4%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	187	100.0%	5.3	33.2%
Men who have Sex with Men (MSM)	92	49.2%	4.4	38.0%
Injection Drug Users (IDU)	46	24.6%	8.0	13.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	12	6.4%	5.1	33.3%
Heterosexual Exposure (HET)	35	18.7%	4.3	48.6%
Other Exposures	2	1.1%	2.6	0.0%
No Reported Exposure	95		1.7	68.4%
TOTAL	282		4.1	45.0%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	100	100.0%	6.9	21.0%
Injection Drug Users (IDU)	42	42.0%	8.4	7.1%
Heterosexual Exposure (HET)	57	57.0%	5.8	29.8%
Other Exposures	1	1.0%	0.0	100.0%
No Reported Exposure	59		2.0	66.1%
TOTAL	159		5.0	3.7%

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	4,845	100.0%	8,008	100.0%	12,853	100.0%
Men who have Sex with Men (MSM)	1,555	32.1%	1,974	24.7%	3,529	27.5%
Injection Drug Users (IDU)	1,525	31.5%	3,285	41.0%	4,810	37.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	160	3.3%	349	4.4%	509	4.0%
Heterosexual Exposure (HET)	1,590	32.8%	2,361	29.5%	3,951	30.7%
Other Exposures	15	0.3%	39	0.5%	54	0.4%
No Reported Exposure*	2,259		1,081		3,340	
TOTAL	7,104		9,089		16,193	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	3,118	100.0%	5,164	100.0%	8,282	100.0%
Men who have Sex with Men (MSM)	1,555	49.9%	1,974	38.2%	3,529	42.6%
Injection Drug Users (IDU)	914	29.3%	1,985	38.4%	2,899	35.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	160	5.1%	349	6.8%	509	6.1%
Heterosexual Exposure (HET)	480	15.4%	834	16.2%	1,314	15.9%
Other Exposures	9	0.3%	22	0.4%	31	0.4%
No Reported Exposure	1,322		649		1,971	
TOTAL	4,440		5,813		10,253	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,727	100.0%	2,844	100.0%	4,571	100.0%
Injection Drug Users (IDU)	611	35.4%	1,300	45.7%	1,911	41.8%
Heterosexual Exposure (HET)	1,110	64.3%	1,527	53.7%	2,637	57.7%
Other Exposures	6	0.3%	17	0.6%	23	0.5%
No Reported Exposure*	937		432		1,369	
TOTAL	2,664		3,276		5,940	

* Includes 56 HIV cases without AIDS and 81 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	350	100.0%	9,994	100.0%	2,000	100.0%
Men who have Sex with Men (MSM)	128	36.6%	2,174	21.8%	1,071	53.6%
Injection Drug Users (IDU)	73	20.9%	4,079	40.8%	479	24.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	3.7%	399	4.0%	71	3.6%
Heterosexual Exposure (HET)	135	38.6%	3,310	33.1%	359	18.0%
Other Exposures	1	0.3%	32	0.3%	20	1.0%
No Reported Exposure*	103		2,664		483	
TOTAL	453		12,658		2,483	

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	266	100.0%	6,169	100.0%	1,530	100.0%
Men who have Sex with Men (MSM)	128	48.1%	2,174	35.2%	1,071	70.0%
Injection Drug Users (IDU)	55	20.7%	2,526	40.9%	235	15.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	13	4.9%	399	6.5%	71	4.6%
Heterosexual Exposure (HET)	7	26.3%	1,055	17.1%	137	9.0%
Other Exposures	0	0.0%	15	0.2%	16	1.0%
No Reported Exposure	71		1,494		353	
TOTAL	337		7,663		1,883	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	84	100.0%	3,825	100.0%	470	100.0%
Injection Drug Users (IDU)	18	21.4%	1,553	40.6%	244	51.9%
Heterosexual Exposure (HET)	65	77.4%	2,255	59.0%	222	47.2%
Other Exposures	1	1.2%	17	0.4%	4	0.9%
No Reported Exposure*	32		1,170		130	
TOTAL	116		4,995		600	

* Includes 8 Hispanic cases, 103 non-Hispanic black cases, and 12 non-Hispanic white cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						500+
		No. with Test	% with Test	Median Count	<200	200-349	350-499	
With Exposure	12,853	6,385	49.7%	450	17.4%	18.7%	20.5%	43.4%
Men who have Sex with Men (MSM)	3,529	1,586	44.9%	477	12.8%	18.3%	21.4%	47.5%
Injection Drug Users (IDU)	4,810	2,551	53.0%	412	21.0%	20.6%	20.3%	38.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	509	248	48.7%	397	19.4%	23.8%	19.4%	37.5%
Heterosexual Exposure (HET)	3,951	1,969	49.8%	481	16.0%	15.8%	20.4%	47.7%
Other Exposures	54	31	57.4%	366	29.0%	19.4%	16.1%	35.5%
No Reported Exposure*	3,340	1,305	39.1%	434	17.3%	19.5%	20.2%	42.9%
TOTAL	16,193	7,690	47.5%	447	17.4%	18.8%	20.5%	43.3%

* Includes 126 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
With Exposure	12,853	5,446	42.4%	67.3%	13,069
Men who have Sex with Men (MSM)	3,529	1,443	40.9%	70.1%	11,601
Injection Drug Users (IDU)	4,810	2,038	42.4%	65.1%	14,266
Men who have Sex with Men and Inject Drugs (MSM/IDU)	509	226	44.4%	67.3%	10,890
Heterosexual Exposure (HET)	3,951	1,711	43.3%	67.6%	12,725
Other Exposures	54	28	51.9%	60.7%	50,866
No Reported Exposure*	3,340	1,166	34.9%	60.1%	12,600
TOTAL	16,193	6,612	40.8%	66.0%	13,005

* Includes 126 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

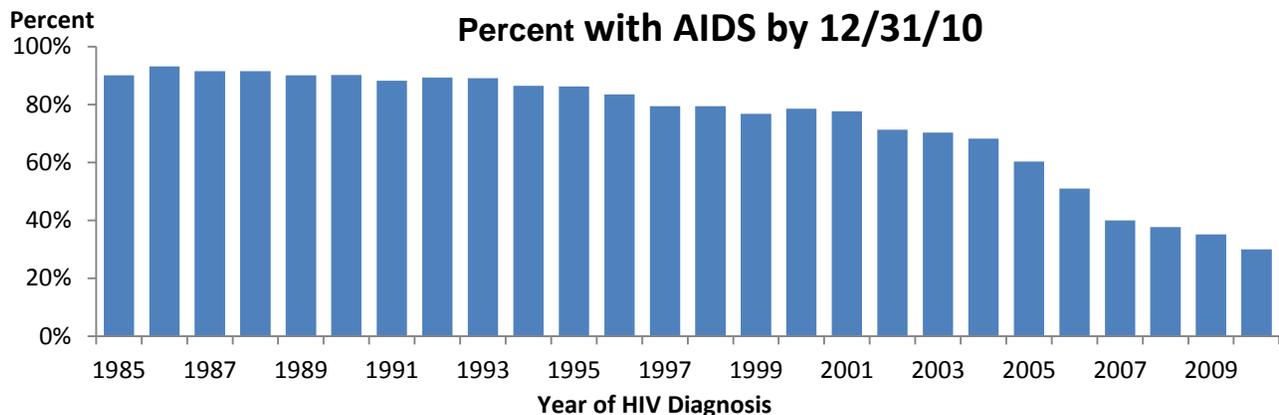
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2010

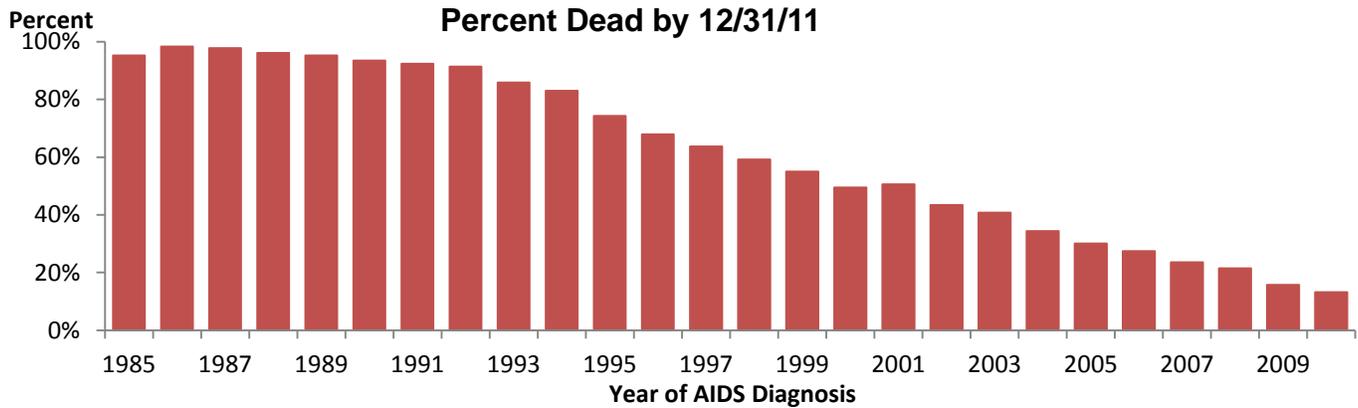
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	211	203	96.2%	6.9	34.6%	34.6%	37.4%	67.3%
1985	425	383	90.1%	6.04	26.1%	27.3%	34.6%	74.6%
1986	568	529	93.1%	5.4	34. %	34.7%	46.1%	79.4%
1987	751	687	91.5%	4.5	33.7%	37.0%	54.3%	82.4%
1988	1,107	1,013	91.5%	3.6	38.5%	42.2%	64.0%	85.6%
1989	1,412	1,272	90.1%	3.5	37.6%	43.0%	66.9%	83.0%
1990	1,483	1,337	90.2%	2.8	44.2%	51.1%	73.4%	85.2%
1991	1,690	1,490	88.2%	2.6	46.2%	55.7%	73.0%	82.8%
1992	1,647	1,471	89.3%	2.3	51.0%	59.3%	75.7%	84.3%
1993	1,514	1,349	89.1%	2.0	54.2%	62.4%	76.8%	85.4%
1994	1,375	1,188	86.4%	2.1	53.5%	61.4%	73.9%	82.0%
1995	1,336	1,152	86.2%	2.0	57.0%	62.4%	72.5%	82.1%
1996	1,246	1,041	83.5%	1.7	59.4%	64.0%	71.4%	80.1%
1997	1,271	1,009	79.4%	1.7	55.4%	60.1%	68.5%	76.2%
1998	1,250	992	79.4%	1.8	55.7%	59.4%	68.1%	76.0%
1999	1,160	891	76.8%	1.4	56.7%	60.7%	68.6%	75.1%
2000	1,077	845	78.5%	1.3	56.7%	61.0%	70.4%	77.3%
2001	1,185	919	77.6%	1.1	59.4%	63.3%	71.5%	76.6%
2002	1,360	969	71.3%	1.1	55.3%	58.6%	65.2%	--
2003	1,210	851	70.3%	1.0	55.0%	58.5%	64.4%	--
2004	1,226	836	68.2%	0.9	53.3%	57.2%	63.5%	--
2005	1,269	765	60.3%	0.9	47.4%	50.0%	56.6%	--
2006	1,283	653	50.9%	0.8	39.7%	41.9%	49.0%	--
2007	1,234	493	40.0%	0.9	29.2%	31.8%	--	--
2008	1,129	437	37.7%	0.8	28.1%	31.8%	--	--
2009	918	322	35.1%	0.6	27.8%	30.7%	--	--
2010	882	265	30.0%	0.3	27.2%	--	--	--
TOTAL	31,249	23,362	74.8%	2.1	46.9%	51.6%	62.7%	71.5%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012

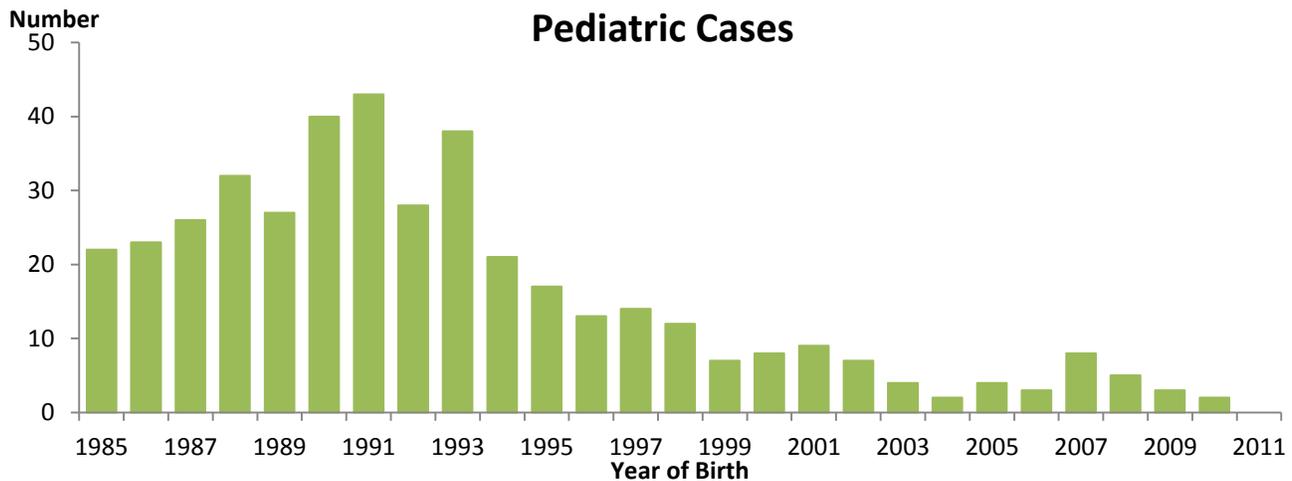


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	74	71	95.9%	2.5	51.4%	31.1%	16.2%	12.2%
1985	105	100	85.2%	1.7	42.9%	22.9%	9.5%	7.6%
1986	176	173	98.3%	2.6	53.4%	35.2%	14.8%	8.5%
1987	260	254	97.7%	2.1	61.2%	33.1%	10.8%	5.0%
1988	431	414	96.1%	2.2	59.2%	39.0%	13.7%	6.3%
1989	545	519	95.2%	2.2	60.4%	38.9%	15.4%	7.7%
1990	784	733	93.5%	2.7	65.8%	46.4%	20.4%	12.0%
1991	972	898	92.4%	2.5	67.5%	46.1%	18.0%	12.0%
1992	1,343	1,228	91.4%	2.8	70.3%	49.0%	20.6%	14.6%
1993	1,541	1,324	85.9%	3.3	77.4%	55.3%	32.6%	21.2%
1994	1,373	1,140	83.0%	3.5	76.9%	58.3%	37.9%	23.9%
1995	1,385	1,029	74.3%	4.0	78.1%	65.8%	48.7%	34.7%
1996	1,304	885	67.9%	4.4	81.9%	74.7%	57.4%	41.6%
1997	1,124	716	63.7%	4.5	85.1%	77.0%	60.8%	44.5%
1998	1,030	610	59.2%	4.4	87.1%	80.1%	63.9%	47.1%
1999	1,014	558	55.0%	4.0	87.0%	79.9%	64.3%	48.9%
2000	885	438	49.5%	3.6	85.6%	80.2%	65.3%	52.9%
2001	1,008	510	50.6%	3.2	85.6%	77.0%	62.2%	50.3%
2002	1,044	453	43.4%	3.4	87.7%	81.5%	69.3%	--
2003	945	386	40.8%	2.5	83.4%	78.1%	66.7%	--
2004	963	331	34.4%	2.4	87.0%	82.5%	71.9%	--
2005	898	270	30.1%	2.2	88.4%	83.6%	73.9%	--
2006	788	216	27.4%	1.8	88.1%	32.2%	74.1%	--
2007	605	143	23.6%	1.6	88.3%	84.8%	--	--
2008	587	126	21.5%	1.1	88.1%	83.6%	--	--
2009	497	78	15.7%	0.8	89.5%	86.5%	--	--
2010	559	74	13.2%	0.6	90.0%	--	--	--
TOTAL	22,240	13,677	51.5%	3.2	80.1%	68.7%	52.1%	42.6%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2011

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2011, as Reported by Name through 12/31/2012



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	26	2	1	0	--
1985	22	8	5	1	10
1986	23	8	6	4	14
1987	26	16	10	5	25
1988	32	22	14	4	44
1989	27	28	19	5	67
1990	40	38	17	5	100
1991	43	36	26	8	127
1992	28	44	28	9	162
1993	38	45	25	12	195
1994	21	29	21	12	211
1995	17	20	14	12	219
1996	13	19	11	14	225
1997	14	9	6	6	228
1998	12	16	8	3	241
1999	7	15	7	4	252
2000	8	8	2	0	260
2001	9	9	8	3	265
2002	7	7	6	3	269
2003	4	2	1	2	269
2004	2	4	2	3	270
2005	4	1	1	0	271
2006	3	6	3	2	276
2007	8	34	5	5	305
2008	5	8	6	3	311
2009	3	5	3	1	315
2010	2	2	7	4	313
2011	0	3	4	1	315
TOTAL	444	444	266	131	--

Table 24 – Pediatric HIV Diagnoses during 2011 and Pediatric Total Living HIV Cases by Jurisdiction, Alive on 12/31/2011 and Reported through 12/31/2012

JURISDICTION AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Anne Arundel	0	0.0%	22	7.0%
Baltimore City	2	66.7%	228	72.4%
Baltimore	1	33.3%	43	13.7%
Carroll	0	0.0%	4	1.3%
Harford	0	0.0%	13	4.1%
Howard	0	0.0%	5	1.6%
REGION TOTAL	3	100.0%	315	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2011 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	1	33.3%	137	43.5%
Female	2	66.7%	178	56.5%
TOTAL	3	100.0%	315	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	3	1.0%
Non-Hispanic	3	100.0%	312	99.0%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	1	0.3%
Black, only	3	100.0%	282	89.5%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	21	6.7%
Multiracial/Other	0	0.0%	8	2.5%
TOTAL	3	100.0%	315	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.